ABSTRACT OF THE DISCLOSURE

Position coordinates in a space defined by the first to third axes of a coordinate input pointing tool are calculated. A coordinate output form includes at least an absolute coordinate output form in which calculated coordinate values are directly output, and a relative coordinate output form in which the differential values between the calculated coordinate values and predetermined coordinate values are output. The value of the first axis of the calculated coordinate values is compared with a predetermined value. It is determined whether the coordinate values of the second and third axes of the calculated coordinate values fall within a predetermined range. The calculated coordinate values are output in a coordinate output form determined on the basis of the comparison result and determination result.